

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
ASSISTANT SECRETARY FOR HOUSING-FEDERAL HOUSING COMMISSIONER

Series and Series Number:

(Supersedes issue dated  
September 13, 1992)

MATERIALS RELEASE NO. 1189c

TO: DIRECTORS, HOUSING DIVISION  
DIRECTORS, MULTIFAMILY DIVISION  
DIRECTORS, SINGLE FAMILY DIVISION

ISSUE DATE: November 14, 1996

REVIEW DATE: November 14, 1999

SUBJECT: L. Product Dibiten Membrane Roofing System

2. Name and Address of Manufacturer Schuller International, Inc.  
Dibiten Division  
4301 East Firestone Blvd.  
South Gate, CA 90280

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, approval or acceptance by HUD of the described product, and any statement or representation, however made, indicating such approval, endorsement or acceptance by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Roofs from nominally flat to vertical.

DESCRIPTION:

Roofing systems shall consist of substrate preparation and attachment of The Dibiten Poly/4, Dibiten Poly/5, Dibiten Poly/4.5 Granular, Dibiten Mineral, or Dibiten Black or White Granite membrane. The membrane can be placed over any type of deck or insulation which complies with the HUD Minimum Property Standards (MPS), and the Dibiten Specifications and Application Manual. These roofing systems shall be installed in accordance with Dibiten membrane systems requirements, by a Dibiten approved roofing contractor.

The Dibiten Poly/4 Dibiten Poly/5, Dibiten Poly/4.5 Granular, Dibiten Mineral, or Dibiten Black or White Granite membranes are atactic polypropylene polymer (APP) modified bitumen, reinforced with nonwoven polyester fabric. The Dibiten Poly/4 and Dibiten Poly/5 are smooth surfaced, and the Dibiten Poly/4.5 Granular, Dibiten Mineral, or Dibiten Black or White Granite membrane are the same APP membrane finished with either slate flakes, mineral granules, or fine slag particles (respectively).

Poly/4 membrane shall be coated or protected by an Inverted Roof Membrane Application (IRMA) system. The IRMA system shall have a separate warranty and Materials Release (MR).

**NOTE:** The IRMA system is NOT covered by this MR.

**MATERIALS:**

All elements of the Dibiten membrane roofing system shall be products of Schuller International, Inc., bearing the Dibiten Trademark. Materials used in conjunction with this system which are not products of Dibiten shall be approved, in writing, by Schuller International, Inc. prior to use.

**WIND AND FIRE CLASSIFICATION:**

Adhered roofing systems shall be designed to resist wind uplift forces as determined in the Wind Design Guide for Adhered Single-Ply Roofing Systems, published by the Single-Ply Roofing Institute (SPRI).

Fire Classification shall be in accordance with Underwriter's Laboratories, Inc. (UL) or Factory Mutual Engineering Corporation (FM) construction. To qualify for fire rating and uplift resistance, the system shall be in the current UL or FM listings. Roofing systems qualified for Fire Classification with coatings shall be inspected every year to assure the condition of the coating is satisfactory, and shall be recorded every five years.

**INSTALLATION:**

1. General

The Dibiten roofing system shall be installed by roofing contractors approved or licensed by Schuller International, Inc., and installation shall be in accordance with Dibiten Specifications and Application Manual and details, latest edition on file with HUD.

2. Substrate Preparation

Preparation of the substrate shall comply with the latest edition of Dibiten Specifications and Application Manual. Design of the roof deck is the responsibility of the owner or his architect/engineer.

### 3. Insulation

Insulation or underlayment must be approved in writing by Schuller International, Inc., as to thickness and type. Insulation shall be installed in accordance with insulation manufacturer's recommendations, and Dibiten Specifications and Application Manual.

### 4. Membrane Installation

Membrane installation, including placing, bond lap splicing, perimeter attachment, flashing, construction closure, walkways and other work to provide watertight roofing systems shall comply with Dibiten Specifications and Application Manual.

### INSPECTION:

A designated representative of Schuller International, Inc. shall make inspections of the installation at the following intervals: (1) prior to delivery of materials - to accept or reject the roof deck to which the roofing system is to be applied; (2) during the installation - to inspect and approve the installation technique and methods; and (3) upon completion - to give final approval to the installation.

### WARRANTY:

A twelve year warranty shall be given to the owner for Poly/4 with a coating, and a fifteen year warranty shall be given to the owner for Poly/5 with a coating; A ten year warranty shall be given to the owner for Dibiten Poly/4.5 Granular, Dibiten Mineral, or Dibiten Black or White Granite membrane.

Schuller International, Inc. hereby warrants to the owner of its roofing system, installed by an applicator approved by Schuller International, Inc., that the system will remain in a watertight condition, and will retain at least 80 percent of its specified aged thermal resistance value, if applicable, for a period of twelve years from the date of installation. In the event of failure of the aforesaid system to function as warranted above, whether on account of normal processes of wear and aging, Schuller International, Inc. will make, or cause to be made, such repairs and maintenance necessary to enable the system to perform as warranted above.

Schuller International, Inc.'s obligations to repair or maintain the system under this warranty shall not be in force or effect unless: (1) Dibiten is notified of any failure of the system covered by the warranty within thirty (30) days following such failure; (2) the system is installed by an applicator approved by Schuller International, Inc.; and (3) no alterations or repairs to the system are made without the prior written approval of Schuller International, Inc., as to the extent, methods and materials used.

Schuller International, Inc. assumes no liability for any failure of the systems resulting from winds which exceed the design wind, Acts of God, including without limitation, lightning or earthquake; nor for any failure of the systems resulting from fire of any origin or cause, nor for any failure of the product caused by structural defects of the buildings on which the system is applied, nor from deliberate misuse of the product; nor for any failure of the systems caused by leakage or any other cause from an adjacent structure.

#### MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

#### EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a

renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate User Fee shall be sent to:

U. S. Department of Housing and Urban Development  
Technical Suitability of Products Fees  
P. O. Box 954199  
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of this MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

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This Materials Release is issued solely for the captioned firm,  
and is not transferable to any person or successor entity.  
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